



Robert A. Alm
Senior Vice President
Public Affairs

January 7, 2005

The Honorable Chairman and Members
of the Hawai'i Public Utilities Commission
465 South King Street, First Floor
Kekuanaoa Building
Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: East O'ahu Transmission Project
Docket No. 03-0417

FILED
2005 JAN -7 P 3:11
PUBLIC UTILITIES
COMMISSION

Hawaiian Electric Company, Inc. ("HECO") requested (in its Application filed December 18, 2003, pages 2, 46), and the Commission agreed (in Order No. 20968, filed May 10, 2004, pages 5, 6) that the Commission be the accepting agency for an environmental assessment of the proposed project to be prepared by HECO and submitted to the Commission in accordance with Chapter 343, Hawai'i Revised Statutes. Therefore, in accordance with Hawai'i Administrative Rules Section 11-200-9(b)(8), HECO respectfully encloses the following documents for submission to the Office of Environmental Quality Control (OEQC):

- (1) Letter for Submittal of Final Environmental Assessment to the OEQC (Letter for Submittal). This letter provides the Commission's determination of a negative declaration (now referred to as a Finding of No Significant Impact or FONSI). The Letter for Submittal follows the form in the OEQC's Guidebook for the Hawai'i State Environmental Review Process ("Guidebook") at page 80. A copy of the Guidebook can be found on the OEQC's website.
- (2) Completed OEQC Bulletin Publication Form. This form was completed using the form provided by the OEQC, which can be found in its Guidebook at page 94. This form is to be sent with the Letter for Submittal described above.
- (3) Project Summary. This is a summary description of the project. The Project Summary is to be sent with the Letter for Submittal described above.
- (4) Diskette. This diskette contains an electronic copy of the Completed OEQC Bulletin Publication Form and the Project Summary. This diskette is to be sent with the Letter for Submittal described above.

WINNER OF THE EDISON AWARD
FOR DISTINGUISHED INDUSTRY LEADERSHIP



- (5) Four copies of the Final Environmental Assessment. These four copies are the copies to be sent with the Letter for Submittal described above.

The Letter for Submittal indicates that the Commission has determined that the proposed East O'ahu Transmission Project will not have significant environmental effects and requests that the OEQC publish notice of the Commission's Finding of No Significant Impact in its February 8, 2005 Environmental Notice. In order to be published in the February 8, 2005 Environmental Notice, the OEQC must receive the documents and diskette listed above no later than January 28, 2005.

To assist the Commission with its review, we are also providing the Commission with the following:

- (1) Revision Sheet. This is a list of the changes between the Draft Environmental Assessment, August 2004, and the Final Environmental Assessment, January 2005. This sheet is not required under the Chapter 343 process and does not need to be submitted to OEQC. It is provided for your reference.
- (2) Nine copies of this transmittal, including all attachments (except the diskette) for the Commission's use.
- (3) A CD containing a copy of the Final Environmental Assessment in Adobe Acrobat (PDF) format.

Please advise Patsy Nanbu at 543-4702 when the above documents are submitted to the OEQC. Thank you for your attention to this matter.

Sincerely,



Attachments

cc (w/ encl):

Division of Consumer Advocacy (3 copies)
Henry Q Curtis, Life of the Land (3 copies)
Scott K. Saiki (3 copies)
Karen H. Iwamoto, Pālolo Community Council (1 copy)
Traver Carroll, Ho'olaulima O Pālolo (1 copy)
Corey Y.S. Park, Esq./Pamela W. Bunn, Esq., Mālama o Mānoa (1 copy)
Daisy M. Murai, Kapahulu Neighbors (1 copy)



PUC LETTERHEAD

DATE

Ms. Genevieve Salmonson, Director
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawai'i 96813

Re: Finding of No Significant Impact ("FONSI") for the East O'ahu Transmission Project 46kV Phased Project, Tax Map Key (TMK) Zone 2, Various Plats and Parcels, Honolulu, O'ahu.

Dear Ms. Salmonson,

The State of Hawai'i Public Utilities Commission ("Commission") reviewed the Final Environmental Assessment ("EA") for the East O'ahu Transmission Project 46kV Phased Project being proposed by Hawaiian Electric Company, Inc. and comments received during the 30-day public comment period, which began on September 8, 2004. As a result, the Commission has determined that this project will not have significant environmental effects and issues a FONSI. Please publish this notice in the February 8, 2005 *Environmental Notice*.

We have enclosed a completed OEQC Bulletin Publication Form, four copies of the Final EA, and the project summary on disk. Please contact Ms. Catherine Awakuni, Commission Counsel, at 586-2017 or Ms. Lesley Matsumoto of Belt Collins Hawaii Ltd. at 521-5361, if you have any questions.

Sincerely,

Carlito P. Caliboso

Chairman

Enclosures

cc:

Division of Consumer Advocacy (w/o enc.)
William A. Bonnet, Hawaiian Electric Company, Inc. (w/o enc.)
Patsy H. Nanbu, Hawaiian Electric Company, Inc. (w/o enc.)
Thomas W. Williams, Jr., Esq./Peter Y. Kikuta, Esq. (w/o enc.)
Henry Q Curtis, Life of the Land (w/o enc.)
Scott K. Saiki (w/o enc.)
Karen H. Iwamoto, President, Pālolo Community Council (w/o enc.)
Traver Carroll, President, Ho'olaulima O Pālolo (w/o enc.)
Corey Y. S. Park, Esq./Pamela W. Bunn, Esq. (w/o enc.)

Dr. Jeremy Lam, President, Mālama o Mānoa (w/o enc.)
Daisy M. Murai, Kapahulu Neighbors (w/o enc.)

OEQC BULLETIN PUBLICATION FORM

1. Project Name: East O'ahu Transmission Project 46 kV Phased Project

Type of Document (*check one*): ☐ Draft EA ☒ Final EA ☐ EIS prep notice ☐ draft EIS ☐ final EIS ☐ NEPA ☐ Other (explain):

check if applicable:

☐ revised document ☐ supplemental document

Legal Authority (*check one*): ☒ chapter 343 HRS ☐ Oahu SMA ☐ NEPA

Agency determination: ☐ Anticipated FONSI ☒ FONSI ☐ FEIS acceptance

Applicable sections (*check all that apply*):

- | | |
|--|--|
| <input type="checkbox"/> use of state or county lands or funds | <input type="checkbox"/> use of land in the Waikiki district |
| <input type="checkbox"/> use of conservation district lands | <input type="checkbox"/> amendment to county general plan |
| <input type="checkbox"/> use within shoreline setback area | <input type="checkbox"/> reclassification of conservation lands |
| <input type="checkbox"/> use of historic site or district | <input type="checkbox"/> construction or modification of helicopter facilities |
| <input type="checkbox"/> wastewater facility, waste-to-energy facility, landfill, oil refinery, or power-generating facility | |

2. Island: O'ahu

Judicial District: Honolulu

Tax Map Key Number: Zone 2, various plats and parcels

3. Applicant or proposing agency: Hawaiian Electric Company, Inc. (HECO)

Address: P.O. Box 2750

Honolulu, Hawaii 96840-0001

Contact: Mr. Kerstan J. Wong, Project Manager

Phone: (808) 543-7059

Note for EAs: when the applicant is a state or county agency ("proposing agency"), the proposing agency and the approving agency are the same.

4. Approving Agency (EAs) or Accepting Authority (EISs):

State of Hawaii Public Utilities Commission (PUC)

Address: 465 South King Street, First Floor

Honolulu, Hawaii 96813

Contact: Ms. Catherine Awakuni

Phone: (808) 586-2017

5. Consultant: Belt Collins Hawaii Ltd.

Address: 2153 North King Street, Suite 200

Honolulu, HI 96819

Contact: Ms. Lesley A. Matsumoto

Phone: (808) 521-5361

6. Public Comment Deadline: NA

7. Permits required prior to implementation: Noise; Noise Variance; Conditional Use - Minor; Excavation; Grading, and Stockpiling

8. Project Summary (*name of file*): OEQC Project Summary.doc
(*not required for final documents if no change from the draft*)

9. Public Library Copy: (*not required for final EAs*)

- 10 ☐ Please publish notice of (*check all that apply*): ☐ Safe Harbor Agreement ☐ Accreted land ☐
Habitat conservation plan ☐ Incidental take license
- 11 This form was prepared by: Ms. Lesley A. Matsumoto
Phone: (808) 521-5361

Project Summary

Hawaiian Electric Company, Inc. (HECO) is proposing to reconfigure and connect existing 46 kilovolt (kV) circuits from Pūkele Substation at the end of HECO's Northern 138kV Transmission Corridor with existing and new 46kV circuits at Archer and Kamoku substations in HECO's Southern 138kV Transmission Corridor. The project is comprised of two independent phases. Phase 1 involves the installation of 0.5 mile of new underground ductline for 46kV subtransmission lines and related work at eight existing substations. Underground 46kV lines would be installed in the Ala Moana, McCully, Mō'ili'ili, and Kapahulu areas in the new ductline, and in approximately 0.4 mile of existing underground ductline. Existing 46kV and 12kV lines would be removed from the existing ductline.

Phase 2 involves the installation of 1.9 miles of new underground ductline for 46kV subtransmission lines and related work at one substation. Three underground 46kV lines would be installed in the new ductline in the Kaka'ako, Makiki, and McCully areas, predominantly along King Street.

HECO's Environmental Assessment evaluates land use, infrastructure, roads and traffic, public health and safety (including noise, emergency response, and schools), soils, water resources, air quality, cultural resources, visual resources, biological resources, socioeconomics, and electric and magnetic fields (EMF). No substantial direct, secondary, or cumulative impacts were identified.

REVISION SHEET HECO EOTP FINAL EA

Revisions made between the Draft EA (August 2004) and Final EA (January 2005) are presented herein.

Executive Summary

Section titled “Proposed Action:”

In the second paragraph, last sentence, changed 46KV to 46kV.

Section titled “Potential Impacts and Actions Taken to Avoid or Minimize Impacts:”

In the first paragraph, fourth sentence, added ...providing special-duty police officers and/or flagmen and signs...

In the ninth paragraph, revised last sentence to: If the City and County of Honolulu’s former curb-to-curb repaving policy were followed, the overall cost of the Proposed Action is estimated to increase by approximately \$5.3 million.

First paragraph of “Purpose and Need” 2nd sentence: 56 changed to 55%.

Table of Contents

Appendices: Appendix D revised to D1, and added Appendix D2 Addendum Magnetic Field Evaluation.

Chapter 1 Introduction

Figure 1-1: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 1-1: Street label ~~Launiu St.~~ changed to Kai’olu St.

Section 1.2, 4th bullet: 2020 changed to 2024.

Section 1.3: In second sentence, deleted ~~voluntarily~~.

Chapter 2 Purpose and Need

2nd paragraph, 3rd sentence: 56 changed to 55%.

Section 2.1, 2nd paragraph: . . the Pūkele Substation supplied electricity to about 4617 percent of the O’ahu load. . .

Section 2.4, 1st paragraph: ...HPP (when on-line) provided power to ~~26~~ 25 percent of the load served by HECO...

Section 2.4, 2nd paragraph: ...~~2020~~ changed to 2024.

Section 2.4, 3rd paragraph: ...~~2006~~ changed to 2009

Section 2.4, 4th paragraph: Loss of the third 138kV transmission line feeding the Downtown area would result in loss of electricity service to ~~26~~25 percent of HECO's customers.

Section 2.5, 1st paragraph: ~~2020~~ changed to 2024.

Section 2.5, 3rd paragraph: At the time of the 2002 Day Peak (which occurred on July 30, 2002), the load for the Ko'olau/Pūkele area was 346 MW (or 30 percent of the load served by HECO), and the load for the Downtown area was ~~304~~293 MW (or ~~26~~25 percent of the HECO service load). The Ko'olau/Pūkele area load of 346 MW included 192 MW (or ~~46.4~~17 percent of the HECO service load) served by Pūkele Substation, and 154 MW (or ~~43.2~~13 percent of the HECO service load) served by Ko'olau Substation.

Section 2.5, 4th paragraph: Several changes have occurred since July 2002 to the 46kV subtransmission system (~~and an additional changes is planned in 2004~~), and a 25kV distribution system has been installed from the Kewalo and Kamoku Substations, which have changed (~~and will further change~~) how the Pūkele, Ko'olau, Archer, Kewalo, and Kamoku Substations were loaded in 2002. Some of the changes described were completed prior to the 2003 Day Peak, and the one change expected to be was implemented in 2004, will be implemented prior to Phase I of the project (The 2004 changes will have the effect of shifting about 6 MW of load from Pūkele Substation to Archer Substation.) These are normal changes in the subtransmission (46kV) and distribution (12kV and below) system configurations that are made from time-to-time as a result of distribution planning to better balance circuit and transformer loads, address circuit reliability issues, and optimize use of the utility grid. In many instances, the changes are made by manually opening or closing existing circuit switches.

Section 2.5, 5th paragraph: At the time of the 2002 Day Peak (as adjusted for the foregoing changes), the load for the Ko'olau/Pūkele area was 342 MW (or ~~29~~29.5 percent of the load served by HECO), and the load for the Downtown area was ~~309~~298 MW (or ~~26.5~~25.7 percent of the HECO service load). The Ko'olau/Pūkele area load of 342 MW included 196 MW (or ~~47~~16.9 percent of the HECO service load) served by Pūkele Substation, and 146 MW (or ~~42.5~~12.6 percent of the HECO service load) served by Ko'olau Substation.

Section 2.5, 6th paragraph: At the time of the 2003 Day Peak (as adjusted ~~for the changes to reflect the reconfigured system~~), the load for the Ko'olau/Pūkele area was 352 MW (or ~~30~~29.9 percent of the load served by HECO), and the load for the Downtown area was ~~297~~301 MW (or ~~25.6~~25.6 percent of the HECO service load). The Ko'olau/Pūkele area load of 352 MW included ~~209~~200 MW (or ~~48~~17 percent of the HECO service load) served by Pūkele Substation, and ~~443~~152 MW (or ~~12.9~~12.9 percent of the HECO service load) served by Ko'olau Substation.

Section 2.5, last paragraph: Based on the 2002 Day Peak loads and the August 2002 projected load growth rates for the Day Peak, the Downtown Overload Situation ~~was~~ would be forecast to occur in ~~2023~~2026 with HPP operating, and ~~2006~~2011 without

HPP. The 2002 load for the Downtown area, if the subsequent 46kV configuration changes and 25kV distribution circuit additions had already been implemented, would have been higher by 5 MW. If the forecast loads for the Downtown area were based on the adjusted 2002 load (which was 5 MW higher) and the same projected load growth rates, then the forecast overload years for the Downtown Overload Situation would move up to ~~2024~~ 2025 with HPP operating and ~~2005~~ 2009 without HPP.

Chapter 3 Proposed Action and Alternatives

Figure 3-1: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 3-1: Street label ~~Launiu St.~~ changed to Kai'olu St.

Figure 3-2: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 3-2: Street label ~~Launiu St.~~ changed to Kai'olu St.

Page 3-14, Section 3.1.1.1.1, paragraph titled “Activities 1E-1 through 1E-4”:

After the first sentence, deleted ~~However, it should be noted that the City Managing Director, with the concurrence of the Mayor, issued a curb-to-curb repaving policy for trench work by utilities (memo dated January 27, 2004). The curb-to-curb repaving requirements are much more extensive than what the Ordinance requires. Since issuance of the policy, a task force consisting of City and County of Honolulu personnel and utilities has been formed to evaluate the practicality of the policy and recommend changes.~~

After the first sentence, inserted At the time the Draft EA was issued, a curb-to-curb repaving policy issued by the City and County of Honolulu Managing Director, dated January 27, 2004, was in effect. The potential impacts resulting from both the curb-to-curb policy and the requirements of the Ordinance were evaluated in the Draft EA because of the implications of the curb-to-curb repaving policy in terms of traffic and costs. On September 30, 2004, the City and County of Honolulu Managing Director issued a policy for trenching work on City and County of Honolulu owned or maintained roadways. This policy supercedes the policy on curb-to-curb repaving. It requires repaving of the trench width plus an additional one foot on each side for a trench aligned longitudinally to the travel way. This updated policy is consistent with the existing City and County of Honolulu Ordinance.

Section 3.1.1.2.2, last paragraph:

After last sentence, added Activities would be conducted in accordance with the City and County of Honolulu’s policy for trenching work on City and County of Honolulu owned and maintained roadways, dated September 30, 2004.

Section 3.1.1.2.7, first paragraph:

Deleted in second sentence ~~...above, the City and County of Honolulu’s curb-to curb repaving policy for trench work by utilities is being evaluated by a task force consisting of City and County of Honolulu personnel and utilities.~~

Added in second sentence ...in Section 3.1.1.1.1, the current City and County of Honolulu policy on trenching within City and County of Honolulu roadways, which is consistent with the Ordinance, will be followed; however, the implications of both the current policy and the City and County of Honolulu's former curb-to-curb repaving policy have been evaluated in this EA.

Section 3.1.2.1.1, last paragraph, titled “Activities 2C-1, 2C-2, and 2C-3:

~~After first sentence, deleted However, it should be noted that the City Managing Director, with the concurrence of the Mayor, issued a curb to curb repaving policy for trench work by utilities (memo dated January 27, 2004). The curb to curb repaving requirements are much more extensive than what the Ordinance requires. Since issuance of the policy, a task force consisting of City and County of Honolulu personnel and utilities has been formed to evaluate the practicality of the policy and recommend changes.~~

After the first sentence, added As explained in Section 3.1.1.1.1, the current City and County of Honolulu policy on trenching within City and County of Honolulu roadways will be followed; however, the implications of both the current policy and the City and County of Honolulu's former curb-to-curb repaving policy have been evaluated in this EA.

Table 3.5, 4th entry: ~~2023~~-changed to 2025

Section 3.1.3.4, first sentence:

The Downtown Overload Situation (described in Section 2.4) is not forecast to occur until ~~2024~~2024.

Section 3.2.3.2, under bullet titled “Radial 46kV Alternative”: ~~2020~~-changed to 2024

Section 3.2.3.3, under bullet titled “Kamoku 46kV Underground Alternative”: ~~2020~~-changed to 2024

Section 3.2.3.3, under bullet titled “Kamoku 46kV Underground Alternative-Expanded (Cooke Street-King Street”: ~~2020~~-changed to 2024

Section 3.2.3.5, bullet titled “Renewable Resource”:

In second sentence, added space in CH2M_HILL.

Chapter 4 Affected Environment and Environmental Consequences

Section 4.2.1, first paragraph:

In first sentence, capitalized “State.”

Section 4.2.1, second paragraph:

In first sentence, capitalized “State.”

Figure 4-2: Corrected spelling of Pensacolea Street.

Section 4.4:

In first sentence, corrected report title from *Traffic Impact Study East O'ahu Transmission Project* to *East O'ahu Transmission Project Traffic Impact Study Final* and added (Wilbur Smith Associates ~~August~~ December 2004).

In first sentence, added *Traffic Impact Study Final* (Wilbur Smith Associates December 2004)...

Section 4.4.1, fifth paragraph:

In third sentence, deleted ...~~at intersections. Six LOS, ranging from A to F, describe expected delays in traffic. LOS A represents little or no delay, LOS B and C represent traffic delays in the range of 5 to 25 seconds per vehicle, LOS D describes conditions where congestion is noticeable (average delay of 25 to 50 seconds), LOS E represents very long traffic delays (average delay of 40 to 60 seconds), and LOS F represents the case where the average delay exceeds 60 seconds per vehicle.~~

In third sentence, added ... with the service quality expressed on a letter basis from A to F, which signify excellent to unacceptable conditions, respectively. Descriptions of LOS A through LOS F for signalized and unsignalized intersections are provided in Table A-1 of Appendix B, *Traffic Impact Study*.

Section 4.4.2.1, first paragraph:

In last sentence, deleted ...~~the City and County of Honolulu Managing Director's curb-to-curb repaving policy relative to the existing paving requirements set forth in the City and County of Honolulu Ordinance Section 17-3(e).~~

In last sentence, added ...The potential impacts of the current City and County of Honolulu policy on trenching within City and County roadways, which is consistent with the Ordinance, and the former curb-to-curb repaving policy (as described in Section 3.1.1.1.1), are also evaluated.

Table 4-5: Added Potential Impact: Loss of detector loops at signalized intersections for approximately three to four weeks and Possible Action to Minimize Impacts: HECO would coordinate with DTS to minimize impacts.

Table 4-7: Added Potential Impact: Loss of detector loops at signalized intersections for approximately three to four weeks and Possible Action to Minimize Impacts: HECO would coordinate with DTS to minimize impacts.

Table 4-9: Added Potential Impact: Loss of detector loops at signalized intersections for approximately three to four weeks and Possible Action to Minimize Impacts: HECO would coordinate with DTS to minimize impacts.

Table 4-11, footnote a:

In second sentence, deleted ...~~HECO's past practices...~~ and ...~~is repaved.~~

In first sentence, added ... City and County of Honolulu Ordinance Section 17-3(e), and the City and County of Honolulu's policy for trenching work on City and County of Honolulu owned and maintained roadways, dated September 30, 2004.

In second sentence, added Based on these requirements, the single lane affected by excavation would be repaved.

Table 4-12: Added Potential Impact: Loss of detector loops at signalized intersections for approximately three to four weeks and Possible Action to Minimize Impacts: HECO would coordinate with DTS to minimize impacts.

Table 4-13: Added Potential Impact: Loss of detector loops at signalized intersections for approximately three to four weeks and Possible Action to Minimize Impacts: HECO would coordinate with DTS to minimize impacts.

Section 4.5.1, second paragraph and footnote:

Second sentence revised... OSHA sets permissible noise exposure limits of 90 dBA for an eight-hour period for workers in 29 Code of Federal Regulations (CFR) 1910.¹⁷

Footnote: replaced “Code of Federal Regulations” with “CFR”.

Section 4.5.2, second sentence:

Corrected report title from *Traffic Impact Study East Oahu Transmission Project* to *East Oahu Transmission Project Traffic Impact Study Final*, and added (Wilbur Smith Associates August December 2004)

Section 4.5.3.2.1, first paragraph:

After last sentence, added A special-duty HPD officer would be present on-site whenever construction activities are occurring.

Section 4.5.3.2.1, fifth paragraph:

After last sentence, added A special-duty HPD officer would be present on-site whenever construction activities are occurring.

Section 4.5.3.2.1, sixth paragraph:

After last sentence, added A special-duty HPD officer would be present on-site whenever construction activities are occurring.

Section 4.7.1.1, fourth paragraph:

In first sentence, deleted ...ranges from 5.1 to 5.3 feet bgs.

In first sentence, added ...is approximately 5 feet bgs.

Section 4.7.1.2, second paragraph:

After first sentence, deleted ~~The stream is listed by the DOH as impaired for total phosphorus and nitrogen, and the associated footnote.~~

Section 4.7.1.2, fifth paragraph:

After first sentence, added The Manoa-Palolo Drainage Canal has been listed as impaired for chlorophyll a, fecal coliform, nitrogen, total phosphorus, and turbidity. Makiki Stream has been listed as impaired for nitrogen and total phosphorus. This classification indicates that the Ala Wai Canal does not these waters do not presently

meet applicable water quality standards, ~~nor is it~~ In addition, the Ala Wai Canal is not expected to meet...

After fifth paragraph, added According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), the Proposed Action and alternative alignments are located in Zones X, A, and AO. The National Flood Insurance Program (NFIP) regulates development within Zones A and AO (Special Flood Hazard Areas).

Section 4.7.2.1, fifth paragraph:

Capitalized "State."

Section 4.7.2.1, after sixth paragraph:

After sixth paragraph, added new paragraph As the NFIP regulates development in FIRM Zones A and AO, project areas within these Special Flood Hazard Areas would comply with applicable Title 44 CFR and City and County of Honolulu requirements. Compliance with applicable requirements would be insured through City and County of Honolulu review of the construction drawings for the project.

Section 4.9.1, last paragraph

In second to last sentence, added ...(Appendix C1), and was updated by a supplemental letter report from Pacific Legacy, Inc. in December 2004 (Appendix C1).

Section 4.9.3, first paragraph:

In first sentence, capitalized "State."

Section 4.11.1, first paragraph:

In first sentence, added ... consists of ...

Section 4.12.1.1, third paragraph:

In first sentence, deleted ... indicates that...

In first sentence, added ... indicate that the population...

In second sentence, added ... average household size is 1.95 persons per household compared...

Section 4.12.1.2:

In first sentence, replaced "3" with "three."

Table 4-18:

In table body, updated employment figures and wage values.

In table note, last sentence, added ...(DLIR) (2003), upated to 2004 in proportion to increases in the Consumer Price Index (DBEDT 2004).

Section 4.12.2.1, tenth paragraph:

In second sentence, deleted ...curb-to-curb repaving ~~directive transfers~~ the cost...

In second sentence, added The City and County of Honolulu's former curb-to-curb repaving policy would have transferred the cost of repaving to the utility, saving the City and County of Honolulu some part of the cost of future capital improvements.

In third sentence, deleted ...City and County of Honolulu's ~~directive~~ were ~~enforced~~, the overall cost...

In third sentence, added ...City and County of Honolulu's former policy were followed, the overall cost...

Table 4-19:

In table body, updated tax values and total revenues.

Section 4.12.2.2, sixth paragraph:

In first sentence, added ... City and County of Honolulu revenues.

In second sentence, deleted ... curb-to-curb repaving ~~directive is enforced~~...

In second sentence, added ... savings to the City and County of Honolulu if its former curb-to-curb repaving policy was followed would be approximately...

Section 4.12.2.2, seventh paragraph:

Capitalized "State."

Section 4.13.3, first paragraph:

In first sentence, deleted Enertech ~~performed~~ a Magnetic Field Evaluation for the Proposed Action, ~~a copy of which is attached as Appendix D.~~

In first sentence, inserted Enertech prepared a Magnetic Field Evaluation for the Proposed Action in June 2004 (Appendix D1), and also prepared an Addendum in December 2004 (Appendix D2).

Chapter 5 Other Considerations

Section 5.1.2, fourth paragraph, third bullet (titled "City and County of Honolulu's BRT project"):

In first sentence, changed ~~Atkinson Drive~~ to Kalakaua Avenue.

In first sentence, added ...Proposed Action and Alternative Alignments 1 and 2, as shown on Figure 1-3 of Appendix B, Traffic Impact Study.

In second sentence, added ... Phase 2 alignment as shown on Figure 1-3 of Appendix B, Traffic Impact Study.

Section 5.3, first paragraph:

Deleted last sentence ~~This reference table is not a comprehensive list of all permits and approvals that may eventually be required.~~

Inserted new sentence: This reference table is a list of permits and approvals that may eventually be required.

Table 5-2:

Moved Street Usage Permit to new line, added City Department of Transportation Services as the regulatory agency.

Section 5.5.4, item 12: Capitalized “County” and State.”

Section 5.5.5: Added space between area code and exchange in telephone number.

Chapter 6 Public Participation

Added Section 6.1 Pre-Assessment Consultations

Added Section 6.2 Draft EA Comments and Responses

Added Section 6.2.1 Comments Received Within the 30-day Comment Period

Added Section 6.2.2 Comments Received After Close of 30-day Comment Period

Chapter 7 References

CH2M HILL reference: Added space between CH2M_HILL and divided entries between third and fourth sentences, creating new City and County of Honolulu entry.

State of Hawaii DOH OSWM reference: Deleted duplicate reference.

Added reference: Enertech’s December 22, 2004 *Hawaiian Electric Company Addendum to Magnetic Field Evaluation East Oahu Transmission Project*.

Enertech July 22, 2004 reference: removed reference to Appendix D.

Appendix A

Section 1, fifth paragraph:

In second sentence, deleted ...voluntary environmental assessment...

Appendix B

Title Page

Changed title to read “Traffic Impact Study Final”

Table of Contents

Table of Contents revised to reflect accurate figure titles.

Section 1.2.1

In title, corrected misspelled “Scenarios”

In first paragraph, bullet 1, replaced ~~McCully~~ with Pumehana.

In first paragraph, bullet 2, replaced ~~McCully~~ with Pumehana.

Figure 1-1: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 1-1: Street label ~~Launiu St.~~ changed to Kai'olu St.

Added Figure 1-3.

Section 2.3.2, first paragraph:

In first sentence, changed TheBus Route 9 to TheBus Route 3.

In first sentence, added ...Date Street between Kapahulu Avenue and Kapiolani Boulevard.

In second sentence, changed TheBus Route 9 to TheBus Route 3.

In second sentence, changed 4:30 AM to 4:15 AM and 1:00 AM to 1:30 AM.

Section 3.5.1

In first sentence, replaced ~~Pumehana Street~~ with Winam Avenue.

Section 4.5.2, third paragraph:

In last sentence, replaced ~~Curing~~ with During.

Section 7.1.1, first paragraph:

In first sentence, deleted Avenues.

Section 8.6.1, ninth paragraph:

In second sentence, added ...King Street from the Washington Middle School...

Appendix C1

Supplemental Letters from Pacific Legacy. Inc., and Cultural Surveys Hawai'i were added.

Figure 2: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 2: Street label ~~Launiu St.~~ changed to Kai'olu St.

Figure 6: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 6: Street label ~~Launiu St.~~ changed to Kai'olu St.

Appendix C2

Figure 2: Street label ~~Kālainoku St.~~ changed to Launiu St.

Figure 2: Street label ~~Launiu St.~~ changed to Kai'olu St.

Appendix D1

Appendix D: changed to Appendix D1

Figure A-1: Street label ~~Kālamoku St.~~ changed to Launiu St.

Figure A-1: Street label ~~Launiu St.~~ changed to Kai'olu St.

Appendix D2

Added Appendix D2: *Addendum Magnetic Field Evaluation*